

| FO | RM | PI | TO-1 | 1449 |
|----|----|----|------|------|

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKETNO.

Sheet 1 of 1

1081.1084

09/468,639

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Toyoshi KAWADA, et al.

FILING DATE

GROUP ART UNIT

December 22, 1999

2674

U.S. PATENT DOCUMENTS

| | | | 0.0 | EIVI DOGGINEIVIO | | | |
|-------------------|----------|-----------------|-------------|------------------|-------|---------------|----------------|
| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
| D1 | AA | 5,331,252 | 7/19/1994 | Kim | - | | |
| ** | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | - | | | | | <u></u> |
| · | AF · | | | | | | |
| | <u> </u> | <u> </u> | | | | <u></u> | |

FOREIGN PATENT DOCUMENTS

| | | | | · · · · · · · · · · · · · · · · · · · | | |
|------|------|-----------------|-----------|---------------------------------------|-----------------------|----------|
| - | | DOCUMENT NO. | DATE. | COUNTRY | TRANSLATION YES NO | ABSTRACT |
| Ŕ1 7 | AG X | EP 0 657 861 | 1/31/1994 | Europe | | |
| AL | AH | EP 0 810 577 | 8/1/1996 | Europe | | |
| | Al | | | | | |
| | AJ | · . , | | | | |
| | AK | | | | | |
| | AL | | | | | |

| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | |
|-------------------------------------------------------------------------|----|--|--|--|--|
| · | АМ | | | | |
| • | | | | | |

| EXAMINER | DATE CONSIDERED |
|----------|-----------------|
| Rd 2 | 3/31/06 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



DEC 0 9 2004

Technology Center 2600

| 500M 070 4 | 110 | | CDARTMENT / | OF 001445005 | T ATTORNEY DO | CKET NÖ. | Shee | CATION NO. |
|-------------------|-----------|---------------------------------------------------------|------------------|---------------------------------------------|-------------------|-----------------------------|--------------------------|-----------------------|
| FORM PTO-1 | 449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | , | | 68,639 |
| LISTAGE | REF | ERENCES C | ITED BY A | PPLICANT | Toyoshi K | AWADA, et₋ | al. | |
| (E. 1000 - | /11 | se several sheets | if necessary | 1 | FILING DATE | | GROU | P ART UNIT |
| 0 8 5004 E | (00 | | II 1160633417) | ' | December | 22, 1999 | 2674 | <u> </u> |
| Meto | | | U.S. PAT | TENT DOCUME | NTS | | | |
| EXAMINER | Τ | DOCUMENT | | | | | SUB- | FILIN |
| INITIAL | | NO. | DATE | NAME | i | CLASS | CLASS | DAT |
| | AA | - | | | <u> </u> | | . • | |
| | AB | | | | · · | | | |
| | AC | | | · | | | | |
| | AD | | | | | | | |
| | AE . | , | - | | | | | _ |
| | AF | <u> </u> | | | | | | + |
| | | | l | | | 1 | | |
| | . | | FOREIGN I | PATENT DOCUM | MENTS | | | 1 |
| | | DOCUMENT NO. | DATE | COU | NTRY | TRANSL | ATION NO | ABSTR |
| Di- | AG | 9-68946 | 3/11/97 | Japan | | | | X |
| | АН | 9-22272 | 1/21/97 | Japan | | | | Х |
| BIL | Al | 6-289811 | 10/18/94 | Japan | | | | Х |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| | AL | | | | | | | |
| | ļ. | | <u> </u> | | | | | |
| THER RE | FERE | NCES (Including | Author, Title | e, Date, Pertiner | nt Pages, Et | c.) | 1 | TRANSLAT |
| | | | | | · | | | 100 |
| | AM | | | | | | | |
| | | <u> </u> | | | | | | |
| XAMINER | | | | DATE | CONSIDERE | -D | | ·· - ····· |
| / | | | | | | | | |
| R | 1 | | | | 31/06 | , | | |
| EXAMINER | R: Initia | I if reference considermance and not con | ered, whether o | or not citation is in the copy of this form | conformance v | with MPEP 60 nmunication to |)9. Draw l o applican | ine througl |
| tottott ii iiot i | | THE HOLD WITH THE COLL | Sidered. Intolet | ic copy or and torn | i Wildi Hoat boll | | o applical | •• |





OCT 0 5 2004

Technology Center 2609 heet 1 of 1 FORM PTO U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 1081.1084 09/468.639 FIRST NAMED INVENTOR LIST OF REFERENCES CITED BY APPLICANT Toyoshi KAWADA, et al. FILING DATE GROUP ART UNIT

(Use several sheets if necessary)

December 22, 1999 2674

| | | | U.S. PATE | NT DOCUMENTS | | | |
|----------------------|----|-----------------|-----------|--------------|-------|---------------|----------------|
| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |

FOREIGN PATENT DOCUMENTS DOCUMENT **ABSTRACT** NO. **TRANSLATION** DATE COUNTRY YES EP 0 704 834 4/3/1996 AG Europe B', AH ΑI AJ AK ΑL

| OTHER REFERE | NCES (Including Author, Title, Date, Pertinent Pages, Etc.) | TRANSL YES | ATION NO |
|--------------|-------------------------------------------------------------|---------------|-------------|
| AM | | | |
| | | | |

| EXAMINER | DATE CONSIDERED |
|----------------------------------------------------|--------------------------------------------------------------------|
| Rã 200 | 3/31/06 |
| *EYAMINED: Initial if reference considered whether | or not ditation is in conformance with MRER 600. Draw line through |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.